

**BACHELOR OF TECHNOLOGY**  
**ELECTRONICS ENGINEERING (VLSI DESIGN AND TECHNOLOGY)**  
**THIRD YEAR (FIFTH SEMESTER)**  
**W.E.F. ADMISSION BATCH 2023-24**

Sl. No.	Category	Course Code	Course	Contact Hrs. L-T-P	Credit	University Marks	Internal Evaluation
<b>Subject (Theory)</b>							
1	PC	ECPC3001	Microprocessor & Microcontroller	3-0-0	3	100	50
2	PC	ECPC3003	Computer Organization and System Architecture	3-0-0	3	100	50
3	PC	VDPC3003	Integrated Circuits and Systems	3-0-0	3	100	50
4	PE	VDPE3001	Analog VLSI	3-0-0	3	100	50
		EOPC3002	Digital Signal Processing				
		EOPE3003	Digital Image Processing				
		EOPE3004	Microwave Engineering				
		-	-				
		-	-				
5	HS	HSHS3002	Entrepreneurship Development	3-0-0	2	100	50
		HSHS3003	Professional Ethics				
6	MC	MCMC3001	Environmental Engineering	3-0-0	2	100	50
		MCMC3002	Industrial Safety Engineering				
<b>Subject (Sessional / Practical)</b>							
7	PC	VDPC3201	Microprocessor & Microcontroller Laboratory	0-0-3	1.5	-	100
8	PC	VDPC3202	Advanced HDL Laboratory	0-0-3	1.5	-	100
9	PC	VDPC3203	Analog VLSI Laboratory	0-0-3	1.5	-	100
10	PSI	VDPS3201	Seminar on SIRE - I	0-0-3	1.5	-	100
<b>Total</b>				<b>18-0-12</b>	<b>22</b>	<b>600</b>	<b>700</b>

[Click here to view/download the syllabus of the subjects.](#)